

Adirondack Lake Assessment Program

This is the fourth year of Sylvia Lake's participation in the program that continues to focus on the importance of water quality. Complete reports for 2006-2008 can be accessed on the Sylvia Lake Association pages of www.sylvialake.org

Jodi Hatch and Lea Dickson obtained water samples from the inlet area and center of lake on 6/28/09, 7/30/09 and 8/24/09. The report for 2009 will be available in the spring 2010.

The water monitoring volunteer team since 2006 includes:

Lea Dickson, Faye Lockwood, David Lockwood, Carlton Force, David McGrath, Jeanette Perry, Shari Barnhart, Linda Syrek, and Jodi Hatch. Many others have assisted.

Any one wishing to participate in 2010 should contact Jodi Hatch.

A brief summary of the 2008 report.

Positive- Sylvia Lake is an oligotrophic Lake, the highest of three categories. Sylvia does not have any sensitivity to acidification due to its high alkalinity, calcium and pH levels. The dissolved oxygen levels are excellent for cold water fish survival. The total phosphorus, chlorophyll a and secchi disk transparency are very stable.

Negative- The choride, nitrate and conductivity levels have increased in each year tested. Road salt and faulty septic systems are suggested as potential sources for the increased levels.

Bacteria Testing

As recommended by the Saint Lawrence County Health Department and Water Quality Council water samples are collected every other year or if a suspect area is reported.

2006- 4 locations. 2007- No testing done. 2008- 3 locations. 2009- No testing done

Upon request for comparison, Fecal, Coliform lab results are available for various years from 1984 -2008.

NOTES:

We will be taking water samples from 3-4 locations in 2010 for Fecal/ Coliform analysis We should anticipate a cost of \$35-50 per sample at Converse Labs in Watertown. The ALAP program costs approximately \$200 per year. (2 stations, 3 samples each station) The analysis is conducted by Dr. Michael De Angelo, Adirondack Watershed Institute, Paul Smiths College. A replacement secchi disk was purchased this summer for a cost of \$40. (Lea and Jodi lost the original disk while testing in July around Sprague/Porter/Inlet area)

2010 will be our fifth year in the ALAP program which is the final year of the Sylvia Lake Association's initial commitment for participation in the program. A decision will need to be made next year for our continued participation in the program. Over 75 lakes in the Adirondack region are currently enrolled in the program.

Ice Out Dates:

2009-April 3 (The 2009 Ice Out Mugs were awarded to Roxanne Tyler, Roy Smith and Jim Peterman)

2008-April 10

2007- April 7

2006- March 31

2005- April 10